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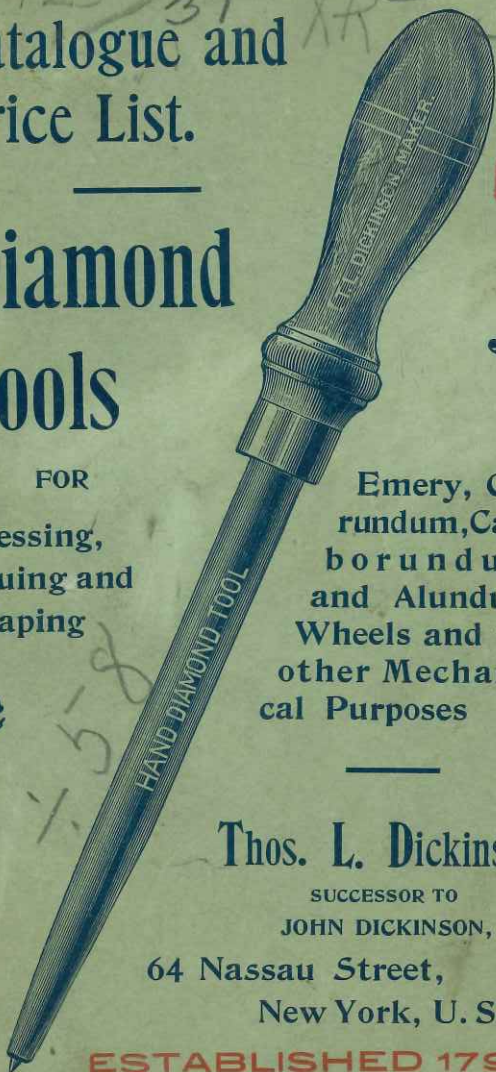
Catalogue and Price List.

Diamond Tools

FOR
Dressing,
Truing and
Shaping

58 1910

Emery, Co-
rundum, Car-
borundum
and Alundum
Wheels and for
other Mechan-
ical Purposes



Thos. L. Dickinson

SUCCESSOR TO
JOHN DICKINSON,

64 Nassau Street,
New York, U. S. A.

ESTABLISHED 1796.

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EXAMINER'S
COPY

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Div
1910.

Catalogue and price list of diamond tools and points, for dressing, truing and shaping Emery, Corundum Carborundum and Alundum wheels ; cleaning solid and leather-covered polishing wheels ; truing, shaping and grooving Craigleith stones and large grindstones ; also shaped carbon and diamond points for turning paper, cotton, corn husk and rag calender rolls, hardened steel and chilled iron rolls, hard rubber, fibre, celluloid, brass, composition, metal, phosphor bronze, mica, copper, porcelain, granite, etc.; cutting and drilling glass, writing and etching on glass.

Engravers' diamonds for use on ruling, pantograph and lithograph machines, opticians' diamond lens drills, glaziers' diamonds and for other mechanical purposes.

THOS. L. DICKINSON

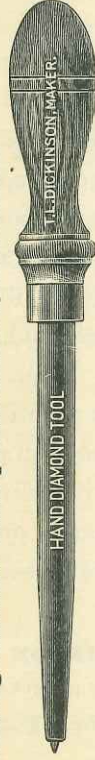
Successor to JOHN DICKINSON,

64 Nassau St., New York City.

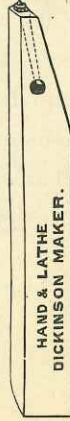
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DIFFERENT STYLES OF HOLDERS.

Diamonds will be set in any style of holder desired. A sketch or model is necessary. When ordering Diamond Tools please state style of holder.



7 inches long. **The Hand and Lathe Tool**, same as Lathe Tool, fitted with wooden handle.



able Stem Tool, same as Hand and Lathe Tool, fitted with taper steel stem containing diamond.

The Hand Tool consists of a piece of $\frac{3}{8}$ in., $\frac{7}{16}$ in., $\frac{1}{2}$ in. or larger, round steel fitted with a suitable wooden handle. The tool measures about 12 inches overall. **The Lathe Tool** 1 in. x $\frac{1}{2}$ in., steel, about



The Adjustable Stem Lathe Tool, same as Lathe Tool, fitted with adjustable taper steel stem containing diamond. **The Hand and Lathe Adjust-**

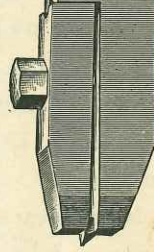


THE ADJUSTABLE HOLDER. 1 in. x $\frac{1}{2}$ in. Steel about 7 in. long. Fitted with clamp jaws at either end, enabling the mechanic to easily and firmly set a diamond point himself and whenever necessary readjust the diamond.

THE HAND TOOL. Adjustable stem, same as the regular Hand Tool, fitted with taper steel stem to hold diamond.



THE SPECIAL SINGLE JAW HOLDER is designed for heavy work on large, coarse wheels; it is of steel and furnished in four sizes, 1 in. x $\frac{1}{2}$ in. x 7 in., $1\frac{1}{2}$ in. x $\frac{3}{4}$ in. x 8 $\frac{1}{2}$ in., $1\frac{1}{2}$ in. x $\frac{1}{2}$ in. x 8 $\frac{1}{2}$ in., and $1\frac{1}{2}$ x $\frac{1}{2}$ in. x 9 in.



T.L. DICKINSON.
LATHE DIAMOND TOOL
SPECIAL HOLDER

THE SPECIAL STEEL STEM HOLDER. 1 in. x $\frac{1}{2}$ in. x 7 in. steel. Drilled at one end to admit a steel stem containing the diamond. This steel stem is held firmly in position by the set screw.

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INTRODUCTION.

This Catalogue is presented as an aid to the selection of suitable Diamond tools and points.

A good Diamond tool will keep an Emery, Corundum, Carborundum or Alundum wheel true, in proper shape and best cutting condition, insuring greater safety and better results.

By its use any desired shape can be given to the face of a wheel.

Every user of Emery, Corundum, Carborundum or Alundum wheels should have a reliable Diamond tool. All substitutes are more or less unsatisfactory.

The two most important features in the manufacture of these tools are :

First. The selection of suitable Diamonds as to their grain, hardness and shape.

Second. The firm setting of Diamonds in holders.

Many years of experience in the manufacture of Diamond tools and points enable us to thoroughly understand what is required of them.

THOS. L. DICKINSON

Successor to JOHN DICKINSON

64 Nassau St., New York City

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In ordering, state style of holder—hand, lathe or adjustable.

No. 1 Diamond Tool. Net price, \$5.00.

For use on Emery wheels 6 inches diameter, $\frac{3}{4}$ inch thick and smaller, No. 60 Emery and finer.

Furnished as **hand tool only**.

No. 2 Diamond Tool. Net price, \$8.00.

For turning Emery or Corundum wheels, 6 in. x 1 in. to 8 in. x $1\frac{1}{2}$ in., No. 60 Emery and finer.

Furnished as **hand tool only**.

No. 3 Diamond Tool. Net price, \$10.00.

To be used on Emery or Corundum wheels, 8 in. x 2 in. to 10 in. x 2 in., No. 60 Emery and finer.

Furnished as **hand tool only**.

No. 4 Diamond Tool. Net price, \$12.00.

For truing Emery wheels, 10 in. x 2 in. and smaller, Nos. 36 to 54 Emery.

Furnished as **hand tool only**.

Small tools or points will not stand on heavy work.
A large Diamond point will outlast a number of small ones, give better satisfaction and be more economical.

In ordering, state style of holder—hand, lathe or adjustable.

No. 5 Diamond Tool. Net price, \$15.00.

For turning Emery or Corundum wheels, 10 in. x 2½ in. to 12 in. x 2 in., No. 36 Emery and finer.

Furnished as **hand** or **lathe tool**.

No. 6 Diamond Tool. Net price, \$18.00.

For truing Emery wheels, 12 in. x 2½ in. to 16 in. x 2 in., No. 36 Emery and finer.

Furnished as **hand** or **lathe tool**.

No. 7 Diamond Tool. Net price, \$20.00.

For turning Emery wheels, 16 in. x 2½ in. to 20 in. x 2 in., No. 36 Emery and finer, such as are used for grinding tools.

No. 7X Diamond Tool. (Special.)

Net price, \$25.00.

For same work as No. 7 tool, set with larger Diamond point.

Furnished as **hand, lathe** or **adjustable tool**.

Small tools or points will not stand on heavy work. A large Diamond point will outlast a number of small ones, give better satisfaction and be more economical.

In ordering, state style of holder—hand, lathe or adjustable.

No. 8 Diamond Tool. Net price, \$30.00.

For truing Corundum and Emery wheels, 20 in. x 2½ in. to 24 in. x 2 in., No. 36 Emery and finer, used for grinding tools.

Furnished as **hand, lathe** or **adjustable tool**.

No. 9 Diamond Tool. Net price, \$35.00.

For turning Emery and Corundum wheels 24 in. x 2½ in. to 26 in. x 4 in., No. 36 Emery and finer.

Furnished as **hand, lathe** or **adjustable tool**.

No. 10 Diamond Tool. (Special.)

Net price, \$30.00.

For turning, keeping true and in good cutting order extra hard Corundum wheels, Nos. 30, 36, 40 and 60; sizes of wheels, 10 in. x 1 in. to 24 in. x 2½ in., such as are used for edging hard metals.

Furnished as **hand, lathe** or **adjustable tool**.

No. 11 Diamond Tool. (Special.)

Net price, \$40.00.

This tool is furnished exclusively for keeping true large Corundum wheels used in water tool grinders; sizes of wheels, 18 in. x 2½ in. to 36 in. x 4 in.

Furnished as **hand, lathe** or **adjustable tool**.

Small tools or points will not stand on heavy work. A large Diamond point will outlast a number of small ones, give better satisfaction and be more economical.

In ordering, state style of holder—hand, lathe or adjustable.

No. 12 Diamond Tool. Net price, \$25.00.

To be used only for truing hard, coarse Emery wheels, Nos. 16, 20, 24 and 30, such as are used in foundries; sizes of wheels, 12 in. x 2 in. and smaller.

Furnished as **hand, lathe or adjustable tool.**

No. 13 Diamond Tool. Net price, \$35.00.

Made specially for turning hard, coarse foundry Emery wheels, 12 in. x 2½ in. to 16 in. x 2 in.

Furnished as **hand, lathe or adjustable tool.**

No. 14 Diamond Tool. Net price, \$40.00.

To be used to turn hard, coarse Emery wheels, 16 in. x 2½ in. to 20 in. x 4 in.

Furnished as **hand, lathe or adjustable tool.**

No. 15 Diamond Tool. Net price, \$50.00.

For use on hard, coarse Emery wheels, Nos. 16, 20, 24 and 30; 22 in., 24 in., 26 in., 28 in. and 30 in. diameter.

Furnished as **hand, lathe or adjustable tool.**

Small tools or points will not stand on heavy work. A large Diamond point will outlast a number of small ones, give better satisfaction and be more economical.

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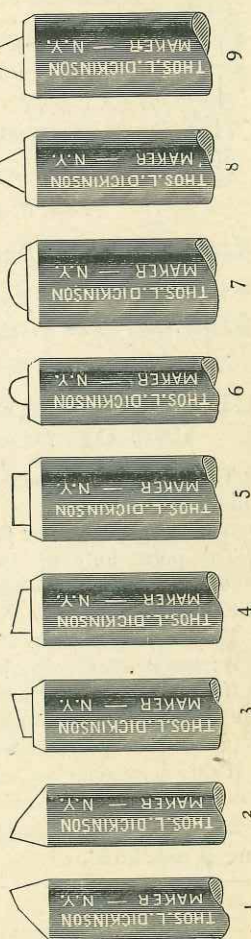
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Special shaped carbon, black diamond, points for turning hard rubber, fibre, celluloid, paper, cotton, corn husk and rag rolls, brass, composition metal, phosphor bronze, mica and copper or any material of a tough, hard, gritty nature on which a steel tool will not hold its edge and where it is desired to turn out a large number of pieces of exact uniform size.

These carbon points are shaped and ground to sharp cutting edges which are maintained almost indefinitely; they can be fitted to any style of holder and in operation leave a smooth, true and finished surface.

In writing for information please state nature of material to be turned, also method and description of tools now in use.

NET PRICES: \$50.00, \$75.00, \$100.00, \$125.00, \$150.00, \$175.00, \$200.00, \$225.00, \$250.00 each and upward according to the size, shape and quality of the carbon point.





Diamond Tools for use in
LANDIS, NORTON, BROWN
& SHARPE, PRATT &
WHITNEY, CINCINNATI,
AND OTHER GRINDERS.



NET PRICES:

\$10.00, \$15.00, \$20.00, \$25.00, \$30.00,
\$35.00, \$40.00, \$45.00, \$50.00, \$75.00,
\$100.00, \$125.00 and \$150.00 each.

GENERAL DIRECTIONS FOR THE USE OF DIAMOND TOOLS.

The tools must be held firmly and fed gradually to the wheel.

A very light cut must be taken.

The point only of the Diamond must touch the wheel; otherwise the setting will be ground away and the stone fall out.

The harder a Diamond or Carbon, the more brittle it is; jars or blows must be avoided.

If it is desired to turn or shape a wheel dry, keep the tool cool by occasional dipping in water.

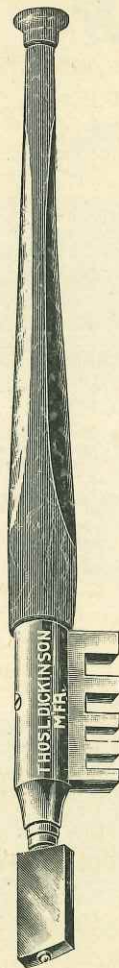
It is necessary to use some style of rest for the tool.

If care is exercised, wheels may be turned or shaped on their arbors at the ordinary grinding speed.

Diamond tools should be used only by experienced mechanics.

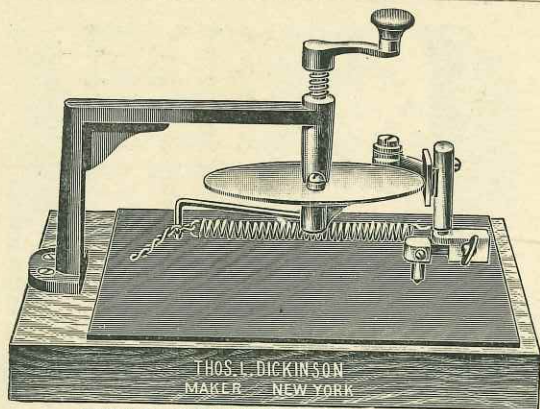
Small tools or points will not stand on heavy work.
A large Diamond point will outlast a number of small ones, give better satisfaction and be more economical.

GLAZIERS' DIAMONDS.



	Each
A. With rack for general use on ordinary glass.....	\$5.00
B. " " single and double thick glass.....	6.00
C. " " and heavy block for all kinds of glass.....	7.00
D. For rough and polished plate glass, \$8.00, \$10.00, \$12.00, \$15.00, \$20.00 and \$25.00 each. Resetting \$1.50	

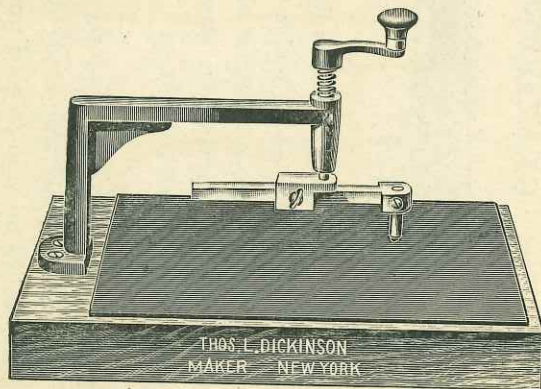
These diamond glass cutters are set with special care; whole sparks of the very best quality only are used; they can be reset a number of times and thoroughly relied upon to do good work and give entire satisfaction.



OVAL CUTTING MACHINE.

The arm attachment on this machine keeps the diamond at all times at right angles with the proper cutting position, insuring a good, clean cut at both ends as well as at the sides of the oval.

Price, \$40.00. Oval Machine Diamonds Reset, \$3.00



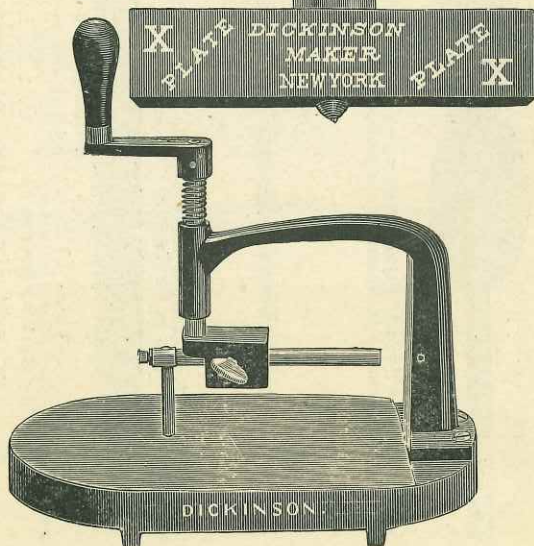
CIRCLE CUTTING MACHINE.

For cutting circles in glass up to 12 inches in diameter. Price, \$25.00. Circle Machine Diamonds Reset, \$2.00

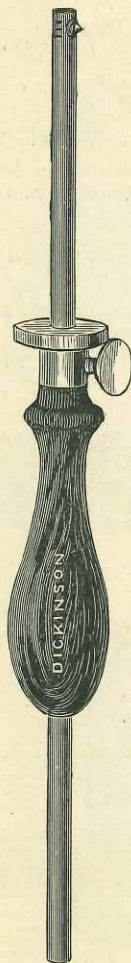


French Block
Diamond for
Splitting Plate
Glass.

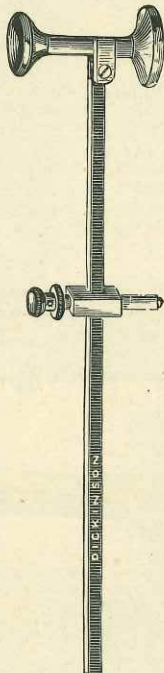
Price, \$15.00
\$20.00 and
\$25.00 each.



Machine for Cutting Circles in Glass from $\frac{1}{2}$ inch to 6 inches diameter. Price, \$20.00.



GLASS TUBE CUTTER FOR CUTTING STEAM GAUGE GLASS TUBES. PRICE, \$10.00 each
Resetting Diamonds in Steam Gauge Cutter. " 2.00 "



MACHINE FOR CUTTING LARGE SWEEPS AND CIRCLES IN GLASS. PRICE, \$20.00 each
Resetting Diamonds in Circle Sweep Machines " 2.00 "



Marking Diamond.

This tool is set with a shaped Diamond Point ground to a sharp point and can be used in any position to mark, write or etch on glass, hardened steel or other hard surfaces.

PRICE, \$5.00 each.
1.00 "

SHAPED CARBON AND DIAMOND CLEARANCE DRILLS.

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Diamond Tools and Points for Opticians' Use.



CARBON, Black Diamond LENS DRILLS, \$15.00,
\$18.00 and \$20.00 each, according to length and size.
Sharpening, \$1.00 and \$1.50 each.

DIAMOND LENS DRILLS, \$10.00, \$12.00, \$15.00 and \$20.00
each, according to length and size of the diamond. Sharp-
ening \$1.50 and \$2.00 each.

In ordering lens drills, please state size of shank,
or send old drill as sample.



HAND DIAMOND LENS CUTTER, \$5.00 each; Reset-
ting, \$1.50. The Diamond in this cutter is specially
selected and set to cut close to a metal templet.



MARKING DIAMOND, \$5.00 each; Sharpening, \$1.00.
This tool is set with a special shaped Diamond
point and can be used in any position to mark,
write or etch on glass, hardened steel and other
hard surfaces.



DIAMOND TOOLS, for Turning, Truing and Groov-
ing Craigleith Stones, \$15.00, \$20.00 and \$25.00 each.
Resetting, \$1.50 each.



Round Polished Diamond Points for use in Engraving, Pantograph and Lithographing Machines, also for ruling graduations on hardened steel surfaces and for engraving or etching copper and hardened steel rolls.

Prices, \$15.00, \$20.00 and \$25.00 each.

Sharpening 5.00 "

Regrinding and Sharpening 7.50 "



Shaped and Polished Diamond Points for ruling fine lines on Copper.

Prices, \$10.00, \$12.00 and \$15.00 each.

Sharpening 5.00 "

Regrinding and Sharpening 7.50 "



Round Polished Diamond Points for burnishing and chasing Gold, Silver, Hard Rubber, etc.

Prices, \$15.00, \$20.00, \$25.00, \$30.00, \$35.00 and \$40.00 each.

Sharpening \$5.00 each.

Regrinding and Sharpening 7.50 "

Shaped and Polished Diamond Pointed Tools for Watch Case Engine Turning.

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